

BEST AVAILABLE COPY

PATENT

DECLARATION AND POWER OF ATTORNEY FOR UNITED STATES LETTERS PATENT APPLICATION

As a below-named inventor, I, Soha M. N. Hassoun and Brian G. Swahn, each hereby declare that:

My residence, post-office address and citizenship are as stated below next to my name.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: CIRCUIT HAVING HARDWARE THREADING, the specification of which is attached hereto and identified as Attorney Docket No. TUFTS-002PUS and Client Case No. T001217.

I hereby state that I have reviewed and understand the contents of the above-identified application specification, including the claims, as amended by any amendment specifically referred to herein.

I acknowledge the duty to disclose all information known to me that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| Country | Application Number | Date of Filing (month, day, year) | Priority Claimed Under 35 USC 119 |
|---------|--------------------|--------------------------------------|--|
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| | | | <input type="checkbox"/> Yes <input type="checkbox"/> No |

BEST AVAILABLE COPY

PATENT

Atty. Dckt. No.: TUFTS-002PUS

Client Case No.: T001217

ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS (6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION

| |
|--|
| |
| |

I hereby claim priority benefits under Title 35, United States Code §119(e), of any United States provisional patent application(s) listed below:

| Application Number | Date of Filing (month, day, year) | Priority Claimed Under 35 USC 119(e) |
|--------------------|--------------------------------------|---|
| 60/460,080 | April 3, 2003 | <u>X</u> Yes No __ |
| | | __ Yes No __ |

I hereby claim the benefit under Title 35, United States Code §120, of the United States Application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United State Code, §112, I acknowledge the duty to disclose all information that is material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56, and which became available to me between the filing date of the prior application and the national or PCT international filing date of this application:

| Application Number | Date of Filing (month,day,year) | Status (Patented/Pending/Abandoned) |
|--------------------|------------------------------------|--|
| PCT/US2004/010320 | April 2, 2004 | pending |
| | | |

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment or both under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

BEST AVAILABLE COPY

PATENT

Atty. Dckt. No.: TUFTS-002PUS

Client Case No.: T001217

I hereby appoint:

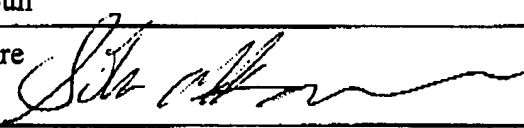
Practitioners associated with the Customer Number: 022494

as my attorney(s) or agent(s), with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

all of DALY, CROWLEY, MOFFORD & DURKEE, LLP, 354A Turnpike Street, Suite 301A, Canton, Massachusetts 02021-2714, jointly, and each of them severally, my attorneys at law, with full power of substitution, delegation and revocation, to prosecute this application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all telephone calls and address all correspondence to:

Paul D. Durkee
DALY, CROWLEY, MOFFORD & DURKEE, LLP
354A Turnpike Street, Suite 301A
Canton, Massachusetts 02021-2714
Telephone no. (781) 401-9988 X21
Facsimile: (781) 401-9966

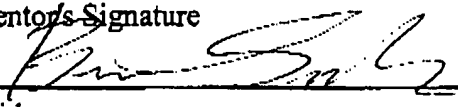
| | |
|---|---------------------|
| Full name of First Joint Inventor Soha M. N. Hassoun | |
| Inventor's Signature  | Date Sept 30, 07 |
| Residence 54 School Street Lexington, MA 02421 | |
| Country of Citizenship United States and United States | |
| Post Office Address (if different) | |

BEST AVAILABLE COPY

PATENT

Atty. Dckt. No.: TUFTS-002PUS

Client Case No.: T001217

| | |
|---|-------------------|
| Full name of Second Joint Inventor Brian G. Swahn | |
| Inventor's Signature  | Date 9/30/2005 |
| Residence 5332 Crane Brook Way, Peabody, MA 01960 | |
| Country of Citizenship United States | |
| Post Office Address (if different) | |

16921